

**Schena, Cristeen**

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**From:** Aram Varjabedian <avarjabedian@woodardcurran.com>  
**Sent:** Friday, July 31, 2015 3:45 PM  
**To:** david.burns@state.ma.us; Turin, David; Dow, James; Joyce, Ryan (FWE)  
**Cc:** Frank Cavaleri; Kevin Stetson  
**Subject:** MA0101231 - Hull WPCF SSO

Gentlemen:

As a follow up to this morning's call/voice mail message. At 7:30am we found that flow to the #1 gravity thickener [GT] was blocked at the blend box and had backed up, with primary effluent overflowing the channel onto the surround grounds around gravity thicker #1 and #2. The primary sludge pump and plant water to the GT were immediately shut off. This stopped the overflow.

Additional calls made to EPA New England and MA Dept of marine Fisheries at 3:30/3:45pm.

Some of the primary effluent had flowed into the off line #2 GT. Also to note, that this flow was being chlorinated, as we had been adding sodium hypochlorite to the GT influent at a rate of 160 gpd.

The off line GT received about 7 feet of liquid, which equates to about 5,300 gallons in the tank.

Based upon the visual observations of the grounds around the gravity thickeners, the overflow, was the water that was not able to flow into the on line GT#1 unit, or through the gate opening for GT #2.

Our best estimate is that the blockage occurred a few hours before 7:30am, and most of the flow was able to flow into the #2 GT, which was empty. The quantity that spilled onto the ground is estimated at less than 750 gallons, based upon the plume of water initially seen.

I will the completed SSO form and forward pictures of the affected areas and cleaned up area with the completed SSO form.

Should you have any questions, please give me a call.

Sincerely,

Aram

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